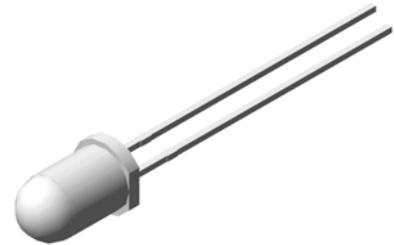


## 5mm Round Super Bright LED

### VT 5228.50

#### Description

This high brightness blue emitting LED are made from the most efficient InGaN technology. Its chip material is of InGaN technology, able to reach high light output efficiency. These series of LED come in moisture resistance water clear lens while offering various viewing angles. Other than bulk packing, tape and reel is available. Changes in viewing angle, luminous intensity and lens color is acceptable.



#### Applications

- Lighting indicator
- Status lights
- ON/OFF indicator
- Backlight illumination

RoHS



#### Electronic Optical Characteristics (at 20mA):

Part Number	Emitted Color	$\lambda$ (nm)		Lens Color	Iv(mcd)		View Angle	VF(V)	
		$\lambda_d$	$\lambda_p$		Min.	Typ.		Typ.	Max.
VT 5228.50	Blue 	470	468	Clear	4600	6000	15	3.5	3.8

#### Absolute Maximum Ratings (at Ta=25°C)

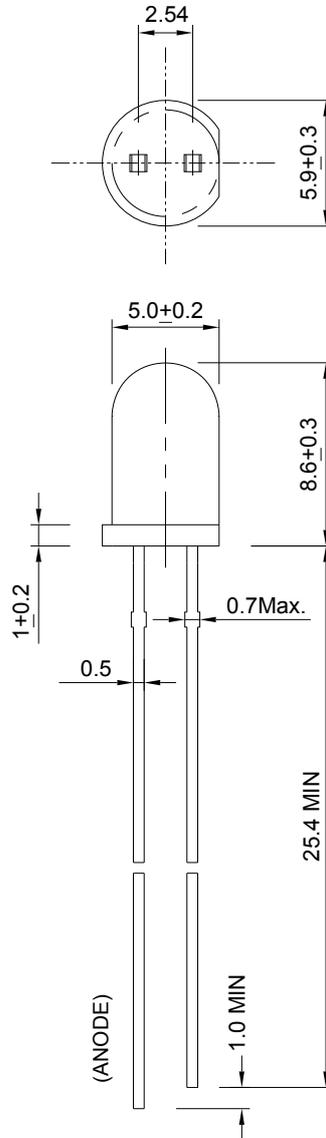
P <sub>D</sub> (mW)	I <sub>FP</sub> (mA)	I <sub>F</sub> (mA)	T <sub>sol</sub> (°C)	I <sub>R</sub> (uA) @ V <sub>R</sub> =5V	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)
120	100*	30	260±5 for 5 sec	50	-40~+85	-40+100

Note: Please take note the Absolute Maximum Rating values. Any operation beyond the specified ratings in this table will result degradation of LED life-span and may cause LED to fail.

\* I<sub>FP</sub>: Peak Forward Current under 1/10 duty, 1KHz condition

**Package Dimension:**

unit: mm



**Notes:**

1. All dimensions are millimeters.
2. Dimensional tolerance is +/- 0.2mm unless otherwise specified.
3. Epoxy meniscus under flange is 1.5 mm max.
4. Specifications are subject to change without notice.